

WHAT IS CLAIMED IS:

1. A keybutton illuminating device for a keybutton structure comprising:

a casing;

5 a shielding case that is provided with metal surface treatment;

a keybutton; and

10 a printed circuit board that is mounted with a light emitting element,

wherein said light emitting element is surrounded entirely by a rib that is disposed upright on said shielding case.

2. A keybutton illuminating device for a keybutton structure comprising:

15 a casing;

a shielding case that is provided with metal surface treatment;

a keybutton and a printed circuit board that is mounted with a light emitting element,

20 wherein said light emitting element is surrounded entirely by a rib that is provided upright on said shielding case in such manner that a surface that contacts said printed circuit board contacts in a full and tight adherence.

25 3. A keybutton illuminating device claimed in Claim 1 or Claim 2, wherein said rib that is provided upright on said

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shield is so constructed as to surround said light emitting element in an approximately oval shape.

4. A keybutton illuminating device comprising:

5 a print circuit board;

a light emitting element mounted on said print circuit board;

a keybutton for switch actions of contact patterns that are print-wired on both sides of said light emitting element

10 is operated by pressing of a contact member that is disposed on this keybutton; and

15 a shielding case for holding of a skirt part of said keybutton is disposed upright on said printed circuit board in such manner as to surround said light emitting element and said contact patterns and by that wall of said shielding case reflects light beams that are emitted from said light emitting element.

5. A keybutton illuminating device claimed in Claim

4, wherein a wall that reflects light beams from a light emitting element of said shielding case is plated for a mirror finish.

6. A wireless communication terminal apparatus that is equipped with a keybutton illuminating device comprising:

25 a casing;

a shielding case that is provided with metal surface treatment;

a keybutton; and
a printed circuit board that is mounted with a light emitting element,
wherein said light emitting element is surrounded entirely
5 by a rib that is disposed upright on said shielding case.

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7. A wireless communication terminal apparatus claimed in Claim 6, wherein said keybutton is operated when there is a need for a voice memo operation for recording of the contents 10 of present vocal communication, wherein said light emitting element comes to illuminate or blink on start of the voice memo operation.

8. A wireless communication terminal apparatus claimed in Claim 6, wherein said keybutton remains illuminating or blinking 15 during communication.

9. A wireless communication terminal apparatus claimed in Claim 6, wherein said keybutton remains illuminating or blinking during communication but, on start of voice memo operation for 20 recording of contents of present vocal communication by depression thereof, starts illuminating or blinking in a manner different from said illuminating or blinking manner during the communication.